

ABSTRACT

Black colorant compounds comprise a first ionic dye component having a known color characteristic that absorbs light in at least a portion of the visible light spectrum and
5 a second ionic dye component having a known color characteristic that absorbs light in at least a portion of the visible light spectrum that is not absorbed by the first ionic dye component. The first ionic dye component and the second ionic dye component are complexed together to form an ionically complexed colorant compound that appears black in color. Alternatively, compositions comprise ionically complexed compounds
10 containing a plurality of dye components, where the compounds together in a colorant composition appear black in color.

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